Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1-10. (Canceled)

11. (Currently Amended) A safe injection device comprising a support sheath having a proximal end and a distal end, a syringe body secured to said support sheath, and a protection sheath suitable for sliding axially between a retracted position in which said protection sheath is retracted into an annular space formed between the syringe body and the support sheath, and an extended protection position in which said protection sheath projects beyond the distal end of the support sheath, the device further comprising at least one retaining member suitable for adopting an active retaining configuration for retaining the protection sheath in the retracted position and, starting from said active configuration, suitable for being urged so as to allow the protection sheath to be extended, the syringe body being secured to the support sheath via a ring having a coupling wall that extends substantially transversely between the syringe body and the support sheath, said wall presenting at least one slot enabling the retaining means to be acted upon from a side of the coupling wall that is opposite from the distal end of the support sheath, and the ring being formed integrally with at least one of the support sheath and the syringe body,

wherein the ring constitutes a part that is distinct from at least one of the elements constituted by the syringe body and by the support sheath, and wherein the ring and said element present respective fastener skirts, said skirts coming into contact with each other via axial surfaces whereby the ring and said element are fastened together.

12. (Previously Presented) A device according to claim 11, wherein the ring is formed integrally with the syringe body.

13-15. (Canceled)

16. (Previously Presented) A device according to claim 11, wherein the ring constitutes a part that is distinct from at least one of the elements constituted by the syringe body

and by the support sheath and is fastened to said element by a fastening technique selected from heat-sealing, mutual engagement, a force-fit, and adhesive.

17. (Currently Amended) ~~A device according to claim 11,~~ A safe injection device comprising a support sheath having a proximal end and a distal end, a syringe body secured to said support sheath, and a protection sheath suitable for sliding axially between a retracted position in which said protection sheath is retracted into an annular space formed between the syringe body and the support sheath, and an extended protection position in which said protection sheath projects beyond the distal end of the support sheath, the device further comprising at least one retaining member suitable for adopting an active retaining configuration for retaining the protection sheath in the retracted position and, starting from said active configuration, suitable for being urged so as to allow the protection sheath to be extended, the syringe body being secured to the support sheath via a ring having a coupling wall that extends substantially transversely between the syringe body and the support sheath, said wall presenting at least one slot enabling the retaining means to be acted upon from a side of the coupling wall that is opposite from the distal end of the support sheath, and the ring being formed integrally with at least one of the support sheath and the syringe body,

wherein the at least one retaining member comprises at least one retaining tab that passes through the slot and that extends through the coupling wall.

18. (Currently Amended) ~~A device according to claim 11,~~ A safe injection device comprising a support sheath having a proximal end and a distal end, a syringe body secured to said support sheath, and a protection sheath suitable for sliding axially between a retracted position in which said protection sheath is retracted into an annular space formed between the syringe body and the support sheath, and an extended protection position in which said protection sheath projects beyond the distal end of the support sheath, the device further comprising at least one retaining member suitable for adopting an active retaining configuration for retaining the protection sheath in the retracted position and, starting from said active configuration, suitable for being urged so as to allow the protection sheath to be extended, the syringe body being secured to the support sheath via a ring having a coupling wall that extends substantially transversely between the syringe body and the support sheath, said wall presenting

at least one slot enabling the retaining means to be acted upon from a side of the coupling wall that is opposite from the distal end of the support sheath, and the ring being formed integrally with at least one of the support sheath and the syringe body,

wherein the at least one retaining member comprises at least one retaining tab that is secured to the protection sheath and the device including at least one retaining surface for said tab which is stationary relative to the syringe body, the retaining tab being retained on the retaining surface when said tab is in the active retaining configuration thereof and being capable of being displaced to escape from said surface.

19. (Currently Amended) A device according to claim [[11]]17, further comprising an injection piston, which is secured to a trigger member adapted, at the end of the piston injection stroke, to trigger urging the retaining means away from their active configuration.

20. (Previously Presented) A device according to claim 19, wherein the ring presents at least one transmission tab adapted to be displaced by the trigger member to urge the at least one retaining member away from the active configuration thereof.

21. (New) A device according to claim 17, wherein the ring is formed integrally with the syringe body.

22. (New) A device according to claim 17, wherein, in an inside face thereof facing towards the distal end of the support sheath, the coupling wall presents a setback in which the proximal end of a thrust spring is disposed, the distal end of the thrust spring bearing against the protection sheath.

23. (New) A device according to claim 17, wherein the coupling wall presents at least one reinforcing rib.

24. (New) A device according to claim 18, wherein the ring is formed integrally with the syringe body.

25. (New) A device according to claim 18, wherein, in an inside face thereof facing towards the distal end of the support sheath, the coupling wall presents a setback in which the proximal end of a thrust spring is disposed, the distal end of the thrust spring bearing against the protection sheath.

26. (New) A device according to claim 18, wherein the coupling wall presents at least one reinforcing rib.

27. (New) A device according to claim 18, further comprising an injection piston, which is secured to a trigger member adapted, at the end of the piston injection stroke, to trigger urging the retaining means away from their active configuration.

28. (New) A device according to claim 27, wherein the ring presents at least one transmission tab adapted to be displaced by the trigger member to urge the at least one retaining member away from the active configuration thereof.